

METEOROLOGICAL JOURNAL,

KEPT BY THE ASSISTANT SECRETARY

AT THE APARTMENTS OF THE

R O Y A L S O C I E T Y,

BY ORDER OF

THE PRESIDENT AND COUNCIL.

1828. January.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
♂ 1	29.531	44.7	29.379	45.8	45	45.8	46.6	38.2	46.6	0.044	SE	Overcast and foggy. Showery.
○ ♀ 2	29.893	43.0	29.740	43.7	38	37.7	43.2	36.0	49.2	0.522	WSW	Overcast. Showery.
♂ 3	29.439	46.7	29.582	47.7	45	45.4	43.8	37.2	46.8	0.128	WSW	Fine and cloudless. Showery.
♀ 4	29.853	42.3	29.656	44.8	37	37.1	39.6	34.3	42.3		WSW	{ A.M. Fine—light clouds. P.M. Heavy rain—brisk wind.
h 5	29.625	40.7	29.615	41.3	35	35.0	35.7	32.6	35.8	0.283	SW	Cloudy—continued snow, with rain.
○ 6	29.702	40.2	29.796	40.7	36	36.3	37.0	34.4	37.7	0.261	ESE	Lightly overcast—foggy.
♂ 7	29.963	39.3	29.923	39.3	34	35.3	35.0	32.6	35.3		ESE	Overcast and hazy.
♂ 8	29.868	37.3	29.899	38.7	27	34.3	36.8	32.7	36.8		E	Overcast and hazy.
♀ 9	30.004	36.7	29.950	36.6	30	33.2	32.1	32.1	32.3		NNE	Hazy. A.M. Overcast. P.M. Cloudless.
♂ 10	29.710	34.6	29.628	36.2	27	30.2	31.9	28.2	31.9		SSW	{ Overcast and foggy. Light fall of snow at night.
♀ 11	29.523	34.2	29.525	36.2	30	30.6	34.9	28.0	40.7		N var.	Overcast. Showery.
h 12	29.763	37.6	29.719	39.3	37	37.6	42.7	29.8	46.2	0.230	SW	{ Strong fog. Violent wind, with rain in the night.
○ 13	29.149	43.4	29.278	44.4	47	46.6	45.8	36.8	46.6	0.569	SSW	Lowering. Strong wind, with rain.
♂ 14	29.564	43.3	29.543	44.3	41	40.7	41.3	39.8	41.8	0.069	SW	Overcast and foggy. Evening showery.
♂ 15	29.721	41.3	29.790	41.7	36	36.4	36.2	35.2	36.4	0.242	N	Overcast & hazy. Snow in the evening.
♀ 16	29.547	39.3	29.806	40.2	36	36.3	38.2	32.7	43.2	0.472	E	Overcast and foggy.
♂ 17	29.922	41.2	29.944	43.8	44	44.0	47.8	35.4	50.0	0.208	ESE	Overcast and foggy. Rain.
♀ 18	30.124	47.8	30.177	51.0	51	50.6	53.7	43.3	54.5	0.128	S	Overcast and foggy.
h 19	30.263	49.8	30.244	52.8	46	47.7	52.8	45.8	53.8	0.005	SSW	Fine and cloudless—hazy.
○ 20	30.303	51.3	30.295	51.9	50	50.3	51.2	46.4	51.2		SW	{ A.M. Cloudy. P.M. Fine and nearly cloudless.
♂ 21	30.274	48.8	30.235	50.8	43	43.0	49.3	41.7	49.3		SW	{ A.M. Lightly overcast. P.M. Clear and cloudless.
♂ 22	30.113	50.0	30.149	52.5	49	49.2	52.7	42.3	53.4		SSW	Fine—light clouds.
♀ 23	30.267	49.4	30.282	51.8	47	46.8	51.2	43.2	51.2		WSW	{ A.M. Dull—dissolving clouds. P.M. Clear and cloudless.
♂ 24	30.367	49.4	30.334	51.7	46	46.6	50.8	43.3	50.8		SW	Overcast and hazy.
♀ 25	30.206	51.8	30.127	52.8	50	49.7	51.2	46.1	51.5		S	Lowering—light haze.
h 26	30.261	49.2	30.321	51.3	43	42.7	48.3	41.2	48.3	0.018	W	Fine and cloudless—light haze.
○ 27	30.398	48.6	30.409	51.6	44	44.4	50.0	41.9	50.0		WSW	{ A.M. Fine and nearly cloudless. P.M. Dull—hazy.
♂ 28	30.432	45.8	30.374	47.1	39	39.2	41.1	36.7	42.8		WSW	Overcast and foggy.
♂ 29	30.215	46.6	30.174	48.0	43	43.7	45.2	38.5	45.3		S	A.M. Foggy. P.M. Fine and cloudless.
♀ 30	30.100	45.7	30.055	47.7	43	42.7	45.3	38.8	45.3		SSW	Fine—hazy.
♂ 31	30.002	45.7	29.968	47.8	43	42.8	47.8	38.2	49.0		SSE	Overcast. Rain.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.939	44.1	29.933	45.6	40.7	41.4	43.8	37.5	45.0	3.159		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 29.912 29.902 }

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge..... = 83 feet 2½ in.

..... above the mean level of the Sea (presumed about) = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House = 79 feet 0 in.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

1828. February.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
○ ♀ 1	29.942	49.8	30.057	53.3	49	49.8	50.8	43.4	52.2	0.139	SSW	{ A.M. Lowering and showery. P.M. { Fine—lightly overcast.
h 2	30.124	49.9	30.103	51.2	47	46.8	48.0	45.2	48.0		SW	Lightly overcast—hazy.
⊙ 3	30.439	46.8	30.477	48.3	37	39.2	45.2	37.7	46.7		W	Fine and cloudless—hazy.
⋈ 4	30.250	47.3	30.263	49.9	47	47.4	51.2	38.3	51.2	0.019	WSW	Lightly overcast—hazy.
♂ 5	30.192	49.7	30.140	51.6	48	48.6	51.3	46.8	51.3		SW	Lowering.
♀ 6	30.054	50.6	30.010	52.3	48	48.7	52.8	47.2	52.8	0.012	SW	Cloudy.
⋈ 7	29.944	50.4	29.901	52.6	45	45.2	49.2	44.5	49.8		SW	Foggy—rain.
♀ 8	29.911	49.3	29.831	47.3	41	42.3	45.3	41.2	45.8	0.097	N	{ A.M. Cloudless. P.M. Lightly over- cast.
h 9	29.660	45.8	29.681	46.2	41	45.4	40.3	39.3	40.3	0.039	N	Overcast—rain.
⊙ 10	29.812	42.7	29.772	43.6	36	36.2	36.9	34.4	36.9	0.059	N	Lowering.
⋈ 11	29.454	38.2	29.602	40.6	32	33.2	33.2	30.2	34.2		NNE	Continued fall of snow.
♂ 12	29.955	35.8	29.983	37.2	30	30.8	31.7	29.0	31.7	0.186	NNW	Overcast. Fall of snow A.M.
♀ 13	30.115	35.0	30.098	36.3	30	30.8	32.3	28.8	32.3		NNE	Overcast and hazy.
⋈ 14	29.723	36.8	29.489	37.6	31	33.4	34.8	30.0	34.8		SE	Overcast. Fall of snow P.M.
● ♀ 15	29.667	38.2	29.742	41.1	34	34.7	39.4	31.2	39.4		W	Fine and cloudless—hazy.
h 16	29.872	38.0	29.836	39.8	32	32.6	38.0	29.8	38.0	0.086	WSW	Overcast.—Strong haze A.M.
⊙ 17	29.721	37.8	29.632	40.6	32	33.8	39.2	30.2	39.2		SE	{ A.M. Cloudless. P.M. Lightly over- cast.
⋈ 18	29.394	37.4	29.297	42.0	34	34.6	42.2	30.8	42.3		E	Dull—light clouds.
♂ 19	29.303	39.7	29.333	42.6	36	38.7	45.9	33.8	45.9	0.078	WSW	Fine—light clouds.
♀ 20	29.277	41.8	29.202	45.3	41	42.8	47.4	37.3	47.7		SSE	{ Fine and clear—light clouds. Snow { in the evening.
⋈ 21	29.017	43.6	28.971	47.0	40	40.3	46.8	39.2	46.8	0.011	E	Lowering.
♀ 22	29.004	46.3	29.044	48.7	43	42.8	45.3	38.8	47.5	0.053	SE	Lowering.
h 23	29.292	46.1	29.418	46.7	43	42.7	41.8	41.3	42.7		N	Overcast and foggy. Light rain A.M.
⊙ 24	29.771	44.8	29.797	47.3	41	41.6	46.3	37.7	49.7	0.033	WSW	{ A.M. Overcast. P.M. Fine—light clouds.
⋈ 25	29.857	48.1	29.867	50.2	49	49.8	51.6	41.0	52.0		S	Lowering—light breeze—showery.
♂ 26	30.029	51.3	30.012	53.3	51	52.2	55.0	48.8	55.2	0.090	S	Lowering.
♀ 27	30.115	52.3	30.144	54.3	51	51.3	53.2	49.1	53.7		SSE	Overcast.
⋈ 28	30.322	52.3	30.329	54.3	49	48.9	50.3	47.2	50.7		N	Overcast and foggy.
♀ 29	30.240	52.7	30.257	54.8	50	50.3	53.6	41.7	53.6		NNW	Cloudy—light breeze.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.809	44.8	29.803	46.7	40.9	41.9	44.8	38.4	45.2	0.902		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 { 29.780 29.769 }

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge = 83 feet 2½ in.

..... above the mean level of the Sea (presumed about) = 95 feet.

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Height of the Receiver of the Rain Gauge above the Court of Somerset House = 79 feet 0 in.

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The Barometer is divided into inches and decimals.

1828. March.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.			
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.							
						9 A.M.	3 P.M.	Lowest.	Highest.						
○ h 1	30.290	50.0	30.175	50.7	44	44.2	47.9	41.1	47.9	0.007	N	Overcast—light fog.			
○ 2	30.061	50.3	30.057	51.3	45	46.5	48.2	43.7	48.2		NNE	Cloudy—light wind.			
☾ 3	30.006	47.7	29.897	49.6	43	42.8	47.8	37.7	47.8		SSW	Cloudy and hazy.			
♂ 4	29.974	47.8	29.858	52.0	44	43.9	49.2	41.3	49.6		NW	Cloudy—light fog.			
♀ 5	29.689	47.8	29.682	45.1	39	42.3	42.0	39.7	43.5		NW	{ Brisk wind. A.M. Fine and nearly cloudless. P.M. Cloudy.			
☿ 6	29.900	40.0	29.978	42.6	22	33.9	38.8	29.1	38.8	0.111	N	Fine—cloudy—light wind.			
♀ 7	30.235	40.2	30.174	44.3	27	33.7	41.8	29.8	46.6		SW	A.M. Fine—hazy. P.M. Overcast.			
h 8	30.082	44.3	30.151	48.3	46	46.8	54.7	32.8	55.5		WSW	Overcast and foggy.			
○ 9	30.262	48.3	30.210	51.0	48	48.2	55.8	46.7	56.5		WSW	{ A.M. Overcast. P.M. Fine—light clouds.			
☾ 10	30.242	49.8	30.207	58.3	48	49.2	56.9	43.8	57.2		WNW	{ A.M. Lowering. P.M. Fine—light clouds.			
♂ 11	30.260	49.6	30.226	53.2	46	46.0	54.0	41.8	54.3	0.036	SW	{ A.M. Overcast and foggy. P.M. Fine—light clouds.			
♀ 12	30.078	50.7	30.025	53.6	48	48.2	53.8	44.0	53.8		S	A.M. Overcast. P.M. Fine—hazy.			
☿ 13	30.135	52.6	30.131	55.8	50	50.3	59.5	46.8	60.6		SW	Clear and cloudless.			
♀ 14	30.284	56.0	30.276	58.6	53	54.0	59.3	50.1	59.4		SW	Fine and cloudless.			
☾ h 15	30.368	54.3	30.358	58.6	48	48.1	59.6	43.8	60.2		SW	Fine—light clouds.			
○ 16	30.346	55.8	30.248	59.6	52	52.7	60.8	47.2	61.3	0.053	WSW	Fine—cloudy. Showery at night.			
☾ 17	30.169	56.3	30.140	54.5	53	53.4	56.6	50.4	61.3		NW	Lowering.			
♂ 18	30.074	53.5	30.053	57.7	50	50.6	55.8	47.7	55.8		NW	Fine—lightly overcast.			
♀ 19	29.462	54.0	29.522	55.3	43	50.3	51.7	46.9	52.4		WSW	Fine—light clouds—strong brisk wind.			
☿ 20	29.439	50.7	29.262	54.3	45	46.8	48.7	40.1	51.2		WSW	Lowering. Rain.			
♀ 21	29.065	51.7	28.998	53.8	46	46.2	48.7	41.7	51.1	0.053	SSW	{ Cloudy. At 3 P.M. Hail storm, with thunder.			
h 22	29.294	49.3	29.281	51.2	34	43.5	47.9	37.0	47.9		WSW	Fine and clear—cloudy. Showery P.M.			
○ 23	29.419	46.6	29.449	49.3	36	40.6	46.8	34.2	47.6		0.086	WSW	Fine, and nearly cloudless.		
☾ 24	29.655	45.8	29.685	48.3	36	41.8	46.3	35.6	46.3			N	Fine—cloudy.		
♂ 25	29.806	44.6	29.808	47.2	35	43.3	42.3	35.7	45.3			N	{ Lowering—brisk wind. Rain and hail P.M.		
♀ 26	29.861	41.3	29.791	45.6	35	35.7	44.3	31.7	44.8	0.080		WSW	Fine—light clouds—hazy.		
☿ 27	29.465	44.4	29.430	49.3	43	43.8	51.2	34.7	52.5			0.025	ESE	Lowering. Showery.	
♀ 28	29.476	46.7	29.594	47.5	42	41.7	43.4	38.8	43.4		0.208		N	Overcast—brisk wind. Rain.	
h 29	29.813	44.3	29.822	47.3	39	39.2	42.8	34.8	45.3				0.092	WSW	Cloudy and hazy.
○ 30	29.988	45.0	30.040	47.3	41	41.7	45.7	36.4	45.7					N	Lowering.
○ ☾ 31	30.280	43.7	30.292	47.3	41	41.7	47.8	33.8	49.4	E				Fine—light clouds—hazy.	
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum					
	29.919	48.5	29.899	51.2	42.6	44.8	50.0	40.0	51.0	0.751					

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 29.881 3 P.M. 29.854 }

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge..... = 83 feet 2½ in.

.....above the mean level of the Sea (presumed about) = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House..... = 79 feet 0 in.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

1828. April.	9 o'clock, A.M.		3 o'clock P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
♂ 1	30.287	44.0	30.162	48.2	37	42.3	48.2	34.2	48.8		ESE	A.M. Cloudless. P.M. Lowering.
♀ 2	30.031	46.3	30.029	48.5	44	45.0	46.5	39.2	47.2		N	{ A.M. Fine—light clouds. P.M. Over- cast.
♂ 3	30.095	44.2	30.034	47.2	36	41.2	44.6	36.4	44.7		N	Cloudy—brisk wind.
♀ 4	29.938	43.8	29.943	45.8	36	44.2	43.0	36.2	43.8		N	Lowering—brisk wind.
h 5	29.798	43.8	29.682	48.2	36	44.6	50.3	32.8	51.3		W	Lowering. Showery P.M.
⊙ 6	29.560	47.8	29.597	49.9	41	46.8	47.9	38.9	50.2	0.186	WNW	A.M. Fine—cloudy. P.M. Lowering.
☾ 7	29.352	46.2	29.334	49.2	43	43.7	50.3	40.2	50.4	0.075	ESE	Cloudy. Rain.
♂ 8	29.337	46.8	29.222	49.3	43	44.2	48.7	38.3	48.7	0.136	E	A.M. Lowering. P.M. Fine—cloudy.
♀ 9	29.312	47.7	29.400	52.4	44	46.7	54.3	41.6	55.3		S	{ A.M. Lowering—light breeze. P.M. Clear—cloudy.
♂ 10	29.388	49.7	29.415	52.8	49	49.7	52.7	41.8	57.4	0.025	S	{ A.M. Cloudy and showery. P.M. Fine—broken clouds.
♀ 11	29.752	52.1	29.739	53.8	44	50.4	55.4	40.3	56.9	0.047	WSW	{ Fine.—A.M. Clear. P.M. Lightly overcast.
h 12	29.664	55.0	29.619	56.4	52	55.7	56.4	48.2	57.7		SW	Lowering. Showery.
⊙ 13	29.501	56.2	29.506	57.8	46	54.0	56.8	49.3	57.2	0.019	SSW	{ Fine and clear—light clouds and strong wind.
☾ 14	29.783	56.2	29.765	58.2	49	53.3	56.4	43.8	59.0		S	A.M. Fine. P.M. Lowering & showery.
♂ 15	29.782	53.4	29.648	56.4	51	51.3	53.7	45.6	55.8	0.158	SSE	{ Lowering. Frequent showers and strong wind.
♀ 16	29.630	57.4	29.445	56.8	52	55.4	50.4	46.4	55.4	0.039	S var.	{ A.M. Fine—brisk wind. P.M. Over- cast—rain.
♂ 17	29.423	56.4	29.378	58.0	50	54.6	56.8	45.8	57.2	0.028	S var.	{ Brisk wind.—A.M. Fine and clear. P.M. Cloudy—rain.
♀ 18	29.344	55.6	29.400	56.7	51	51.5	52.3	43.8	54.2	0.444	SSE	Dark and overcast. Rain.
h 19	29.537	54.7	29.600	55.6	51	50.8	52.7	47.2	52.7	0.350	NE	Overcast and foggy.
⊙ 20	29.836	53.8	29.840	55.8	51	51.7	51.6	46.4	51.8	0.078	N	Overcast and hazy.
☾ 21	29.704	52.0	29.662	52.8	47	47.8	47.8	44.2	48.7	0.014	NNW	Cloudy.—Showery A.M.
♂ 22	29.639	50.0	29.663	51.2	43	44.3	46.3	39.8	46.8	0.058	WSW	Lowering. Light showers P.M.
♀ 23	29.797	49.7	29.819	53.0	45	47.7	54.2	42.7	54.2	0.019	W	{ Cloudy.—A.M. Hazy. P.M. Clear. Evening showery.
♂ 24	29.782	54.8	29.839	56.3	46	53.3	59.0	46.0	59.5	0.200	W	Fine and clear—light clouds.
♀ 25	29.869	55.4	29.811	58.7	53	53.7	56.3	49.9	58.6	0.011	SSW	{ Lowering—light wind. In the even- ing, rain with strong wind.
h 26	29.965	57.4	30.060	58.7	42	52.4	59.7	44.0	60.2	0.139	NW	Very fine and clear—brisk wind.
⊙ 27	30.282	58.2	30.263	59.6	49	54.4	61.1	43.0	63.3		SSW	{ Very fine—clear and cloudless—gentle wind.
☾ 28	30.290	60.8	30.270	61.3	52	59.3	66.6	46.8	67.7		S	{ Fine and clear—light clouds—gentle wind.
♂ 29	30.257	64.7	30.209	63.9	52	67.3	68.8	46.8	70.7		SSE	Fine and clear—light clouds.
♀ 30	30.316	61.3	30.356	64.8	59	59.7	61.8	54.2	63.7		N	Overcast—dissolving clouds—brisk wind.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.775	52.5	29.757	54.6	46.5	50.6	53.7	43.1	55.0	2.026		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 29.727 29.703

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge..... = 83 feet 2½ in.
 above the mean level of the Sea (presumed about) = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House = 79 feet 0 in.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

1828. May.	9 o'clock, A.M.		3 o'clock P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
☿ 1	30.384	58.8	30.314	62.1	52	52.4	61.7	46.8	62.7		E	{ A.M. Strong haze. P.M. Fine and clear—nearly cloudless.
♀ 2	30.260	57.3	30.182	62.0	51	51.4	57.8	44.3	60.4		ESE	Fine—light clouds.
♂ 3	30.017	56.5	29.994	60.3	53	53.6	56.4	48.2	58.5	0.014	ESE	Lowering. Rain.
☉ 4	29.788	59.4	29.719	61.7	55	56.8	60.8	51.6	63.3	0.042	S	{ Fine and clear.—A.M. Heavy shower. P.M. Distant thunder.
☽ 5	29.707	54.7	29.683	58.8	49	54.2	56.8	45.8	57.8	0.081	WNW	Fine—cloudy.
♂ 6	29.748	60.7	29.742	59.3	45	56.3	57.7	43.8	60.8		SSW	{ A.M. Fine and cloudless. P.M. Thunder and lightning at 3½h.
♀ 7	29.849	54.9	29.851	59.3	49	50.5	58.6	45.4	59.3		N	A.M. Overcast. P.M. Fine—cloudy.
☿ 8	29.883	54.3	29.901	59.0	49	48.9	58.3	46.2	59.5	0.186	N	{ A.M. Overcast. P.M. Fine and clear —gentle wind.
♀ 9	30.070	55.9	30.114	59.6	46	51.5	59.4	42.7	60.5		W	Fine—lightly overcast.
♂ 10	30.179	59.6	30.136	62.0	45	58.0	61.6	45.0	64.3		S	{ A.M. Fine and cloudless. P.M. slightly lowering.
☉ 11	30.085	59.4	30.060	61.8	55	57.5	62.8	51.2	63.8		WSW	{ A.M. Lowering. P.M. Fine—light clouds.
☽ 12	30.238	61.2	30.257	62.6	46	58.7	63.3	48.2	64.7		N	{ Fine & clear—nearly cloudless—light wind.
♂ 13	30.316	62.4	30.240	62.3	48	58.3	64.0	46.7	64.8		SSW	Fine and cloudless—light haze.
♀ 14	30.192	60.3	30.127	63.6	56	58.6	66.4	50.0	68.0		NNE	Fine and clear—fleece clouds.
☿ 15	30.070	61.8	30.029	64.3	51	60.7	66.2	47.0	66.4		E	Fine—light stretching clouds.
♀ 16	29.883	63.8	29.860	67.3	59	64.3	67.3	56.0	69.5		NE	{ Fine—light clouds. Thunder at 7h. 51m. P.M.
♂ 17	29.832	66.8	29.811	66.7	54	63.2	66.8	55.9	67.3		E	Fine and cloudless—light wind.
☉ 18	29.816	63.7	29.826	64.5	51	61.7	61.9	55.0	63.7		E	Clear and cloudless—light wind.
☽ 19	29.832	64.6	29.829	63.2	46	62.2	62.7	46.8	63.7		ESE	Clear and cloudless—light wind.
♂ 20	29.803	61.4	29.760	63.2	50	59.4	60.7	45.0	66.2		E	A.M. Fine. P.M. Cloudy.
♀ 21	29.856	57.7	29.555	62.8	54	55.8	61.7	50.0	63.1		ENE	Cloudy. Light showers.
☿ 22	29.574	55.7	29.569	60.3	52	53.4	58.7	51.0	59.5	0.036	E	Lowering. Light showers.
♀ 23	29.611	60.3	29.593	63.0	49	57.7	62.1	49.8	62.6	0.014	NNE	Fine—cloudy—light wind.
♂ 24	29.481	61.3	29.422	65.0	54	58.8	63.8	55.1	66.6	0.294	S	{ A.M. Heavy rain, early. Fine & clear. P.M. Lowering, strong wind, showery.
☉ 25	29.704	63.7	29.813	64.3	55	61.7	64.0	55.6	65.4	0.041	SW	{ Fine and clear—light clouds—brisk wind.
☽ 26	29.756	63.3	29.635	65.2	54	62.5	65.0	53.6	66.8		ESE	Cloudy—light wind.
♂ 27	29.601	65.3	29.552	65.8	53	64.5	61.8	52.9	68.6		ESE	{ A.M. Fine and clear. P.M. Cloudy —brisk wind. Rain.
♀ 28	29.554	62.8	29.649	63.8	54	59.3	61.8	53.3	64.3	0.353	SW	Cloudy—light wind.
☉ 29	29.702	63.9	29.704	65.4	56	62.3	65.3	56.3	67.2	0.033	S	Fine—brisk wind. Showery.
♀ 30	29.950	67.4	29.959	68.2	53	65.3	70.4	55.3	72.1		N	Fine—cloudy. Rain at night.
♂ 31	29.840	63.8	29.792	67.2	60	60.5	67.1	56.1	68.4	0.213	SSW	{ A.M. Lowering—light wind. P.M. Fine—cloudy.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.890	60.7	29.860	63.0	51.7	58.1	62.3	50.0	64.2	1.307		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 29.820 3 P.M. 29.784 }

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge = 83 feet 2½ in.

..... above the mean level of the Sea (presumed about) = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House = 79 feet 0 in.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

1828. June.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
☉ 1	30.066	67.8	30.069	67.0	51	63.7	69.3	52.	70.0		WSW	Fine—light breeze.
☾ 2	29.958	67.0	29.924	66.6	51	62.3	65.4	55.8	67.8	0.050	WSW	{ Fine and clear—cloudy—light breeze. Heavy shower P.M.
♂ 3	29.994	63.4	29.973	64.7	55	59.8	61.8	51.5	64.3	0.033	SW	Lowering.
♀ 4	29.621	61.7	29.494	64.0	57	57.6	61.7	56.1	62.4	0.250	SW	A.M. Foggy—rain. P.M. Fine & clear.
♂ 5	29.388	61.2	29.489	62.6	47	55.7	62.9	49.8	63.2	0.583	NW var.	Fine and clear—light wind.
♀ 6	29.656	63.3	29.708	63.7	50	60.3	63.3	51.7	64.8	0.033	W	{ Fine and clear—cloudy. At 28m. P.M. Heavy rain, with hail.
♂ 7	30.003	57.3	—	—	45	54.5	—	49.3	61.0	0.139	WSW	Cloudy—light wind.
☉ 8	30.189	60.9	30.194	63.3	46	60.9	63.3	51.1	65.6		WSW	Fine—light breeze.
☾ 9	30.247	62.0	30.226	65.3	53	61.7	66.8	52.7	67.7		W	Fine—cloudy.
♂ 10	30.285	64.8	30.260	66.3	56	61.4	66.9	51.7	67.7		NW	Fine—cloudy.
♀ 11	30.241	64.6	30.232	68.3	57	63.8	68.9	57.7	71.5		W	Fine—cloudy.
☉ 12	30.242	63.7	30.247	66.2	51	62.4	63.5	58.7	65.3		NNW	Cloudy.
♀ 13	30.281	70.7	30.245	68.3	53	63.8	69.7	53.8	72.7		N	Clear and cloudless—light wind.
♂ 14	30.268	70.0	30.230	68.0	54	68.3	67.8	52.3	69.8		W	Clear and cloudless—light wind.
☉ 15	30.106	63.4	30.081	67.8	62	62.7	68.3	55.6	70.2		E	{ A.M. Cloudy. P.M. Fine and clear. Brisk wind.
☾ 16	29.973	67.7	29.905	67.4	63	66.8	64.3	59.8	71.6		E	{ Fine—cloudy—brisk wind—showery. Lightning in the evening.
♂ 17	29.590	68.7	29.547	69.4	63	70.7	68.6	57.9	72.3		NE	Fine—cloudy—brisk wind.
♀ 18	29.424	64.8	29.560	68.8	59	59.7	68.6	57.7	69.8	0.064	E	Fine—cloudy. Light showers.
♂ 19	29.962	67.4	29.994	69.7	61	63.7	69.8	59.3	71.7		S	{ A.M. Lowering. P.M. Fine.—Light wind.
♀ 20	30.009	66.7	29.989	70.2	60	66.0	70.0	60.6	70.8		S	Lightly overcast—brisk wind.
♂ 21	29.857	63.8	29.855	67.8	59	59.1	65.8	58.2	68.4	0.605	NW	{ A.M. Heavy rain, early. P.M. Clear —cloudy—light wind.
☉ 22	29.923	68.3	29.950	67.9	57	65.0	62.6	55.9	69.8	0.028	WSW	{ Cloudy. Heavy showers and frequent thunder at 2½h. P.M.
☾ 23	30.091	71.3	30.110	69.3	58	64.7	68.7	53.8	69.6	0.583	NNW	Fine and clear—cloudy—light wind.
♂ 24	30.291	63.8	30.297	67.6	58	62.8	69.7	55.7	71.5		N	Fine—lightly overcast.
♀ 25	30.328	73.3	30.297	72.6	57	70.2	72.7	56.3	76.6		SW	{ Fine and clear. A.M. Cloudless. P.M. Cloudy.
♂ 26	30.385	71.3	30.346	72.7	60	70.7	77.6	59.2	78.4		NW	Fine—light clouds.
♀ 27	30.272	75.7	30.182	74.2	61	74.8	76.7	62.7	78.3		E	Clear and cloudless—light wind.
♂ 28	30.095	74.8	30.045	75.3	65	73.7	73.9	59.6	77.8		E	{ A.M. Fine and cloudless. P.M. Lightly overcast—light wind.
☉ 29	29.949	66.7	29.948	72.9	64	66.3	74.3	59.3	76.8		N	Fine—light clouds—gentle wind.
☾ 30	30.015	76.7	29.967	74.3	60	68.7	75.9	60.3	78.2		N	Fine and clear—light clouds.
	Mean 30.024	Mean 66.8	Mean 30.012	Mean 68.3	Mean 56.4	Mean 64.1	Mean 68.2	Mean 55.9	Mean 70.2	Sum 2.368		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 { 29.938 29.922 }

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge = 83 feet 2½ in.

..... above the mean level of the Sea (presumed about) = 95 feet.

The external Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House = 79 feet 0 in.

The hours of observation are of Mean Time, the day beginning at Midnight.

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